

ARTISAN®
TECHNOLOGY GROUP

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Full-service, independent repair center
with experienced engineers and technicians on staff.

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Custom engineering
so your equipment works exactly as you specify.

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Expert team | Trust guarantee | 100% satisfaction

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HAMAMATSU
PHOTON IS OUR BUSINESS

Photomultiplier tube assembly

H6527



142.0mm diameter PMT assembly, Built-in PMT:R1250, For high energy physics experiments

Specifications

Assembly Size	Dia.142 mm
PMT Tube Size	127 (5) mm
Built-in PMT Type No.	R1250
Photocathode Area Shape	Round
Photocathode Area Size	Dia.120 mm
Wavelength (Short)	300 nm
Wavelength (Long)	650 nm
Wavelength (Peak)	420 nm
Spectral Response Curve Code	400K
Photocathode Material	Bialkali
Window Material	Borosilicate glass
Dynode Structure	Linear-focused
Dynode Stages	14
[Max. Rating] Anode to Cathode Voltage	-3000 V
[Max. Rating] Average Anode Current	1.02 mA

Anode to Cathode Supply Voltage	-2000 V
[Cathode] Luminous Sensitivity Typ.	70 µA/lm
[Cathode] Blue Sensitivity Index (CS 5-58) Typ.	9
[Anode] Luminous Sensitivity Typ.	1000 A/lm
[Anode] Gain Typ.	1.4×10^7
[Anode] Dark Current (after 30min.) Typ.	50 nA
[Anode] Dark Current (after 30min.) Max.	300 nA
[Time Response] Rise Time Typ.	2.5 ns
[Time Response] Transit Time Typ.	54 ns
[Time Response] Transit Time Spread Typ.	1.2 ns
[Anode] Pulse Linearity (2% deviation)	100 mA
[Anode] Pulse Linearity (5% deviation)	150 mA

Contact us for more information.

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Disclaimer

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

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We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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We're here to make your life easier. How can we help you today?

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